

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048285.D
 Acq On : 25 Apr 2022 22:02
 Operator : SY/MD
 Sample : N2518-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES3

Quant Time: Apr 26 02:48:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

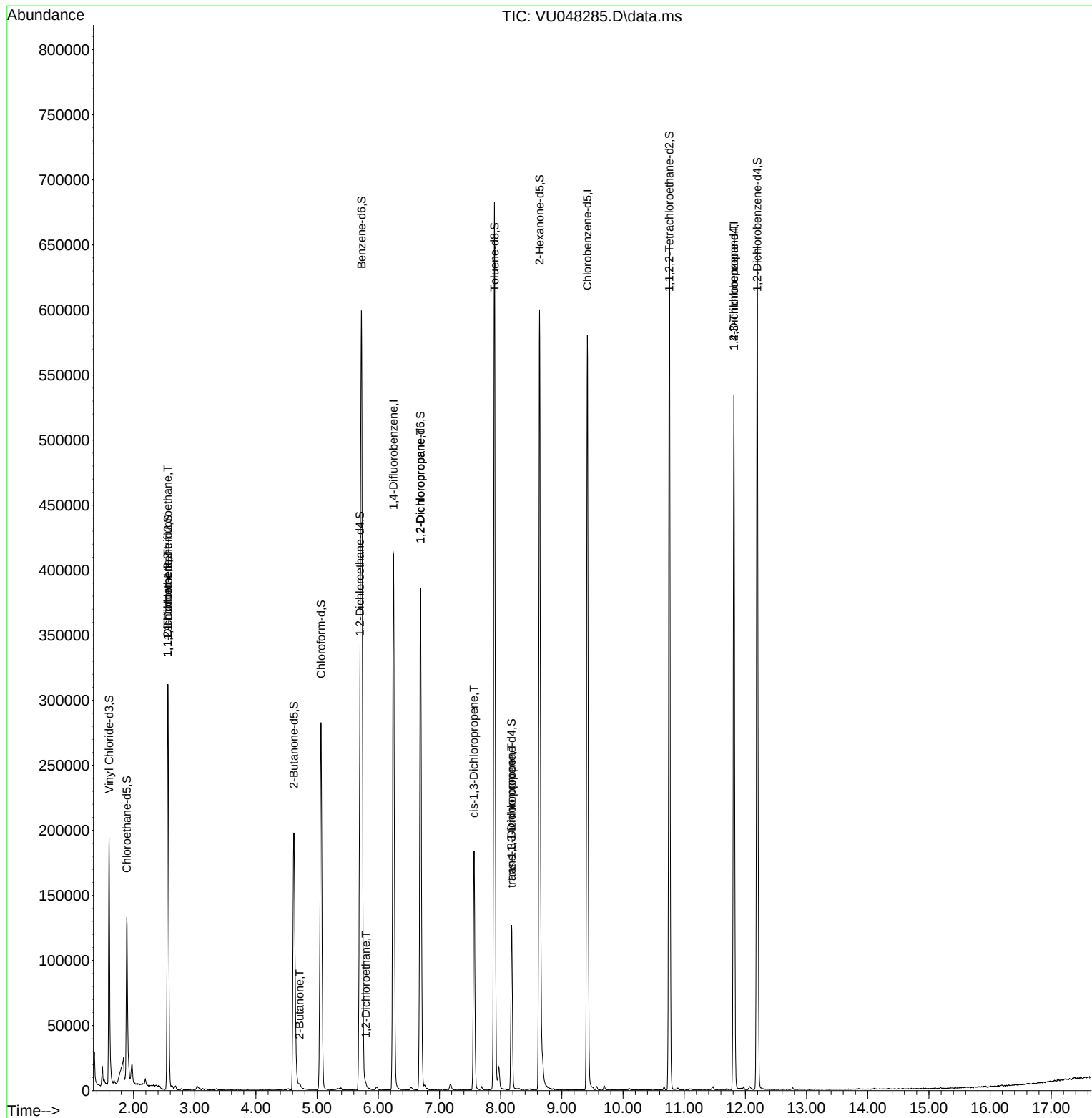
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	353113	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154171	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	144144	44.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.780%
7) Chloroethane-d5	1.890	69	113031	49.591	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.180%
11) 1,1-Dichloroethene-d2	2.562	63	179008	34.406	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.820%
21) 2-Butanone-d5	4.620	46	290826	105.010	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.010%
24) Chloroform-d	5.063	84	270475	45.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.840%
26) 1,2-Dichloroethane-d4	5.700	65	174770	50.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
32) Benzene-d6	5.726	84	569202	51.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.840%
36) 1,2-Dichloropropane-d6	6.690	67	190405	52.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.060%
41) Toluene-d8	7.899	98	458517	46.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
43) trans-1,3-Dichloroprop...	8.179	79	72693	45.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.900%
47) 2-Hexanone-d5	8.636	63	208177	106.451	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.450%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	325393	51.186	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.380%
66) 1,2-Dichlorobenzene-d4	12.195	152	185835	53.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.160%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1819	0.684	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	1352	0.582	ug/L #	1
22) 2-Butanone	4.713	43	4644	1.766	ug/L	90
27) 1,2-Dichloroethane	5.797	62	1849	0.492	ug/L #	72
37) 1,2-Dichloropropane	6.690	63	18959	6.474	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	3990	0.969	ug/L #	24
44) trans-1,3-Dichloropropene	8.176	75	2939	0.731	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	15648	4.351	ug/L #	67

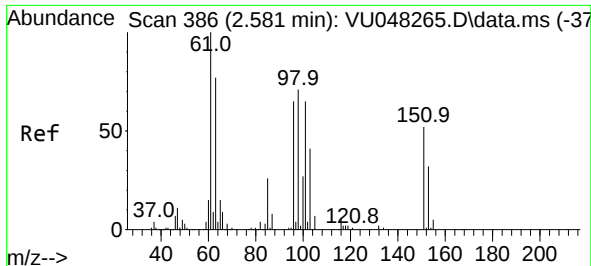
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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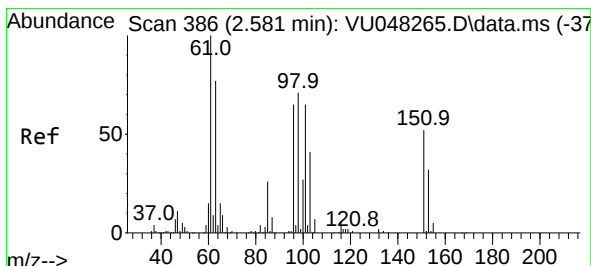
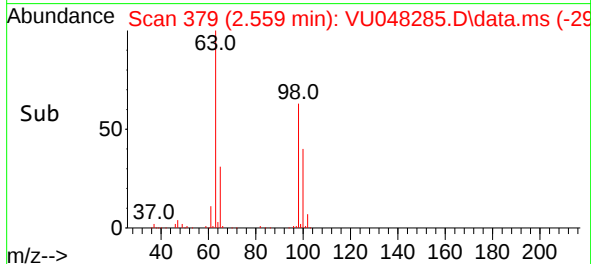
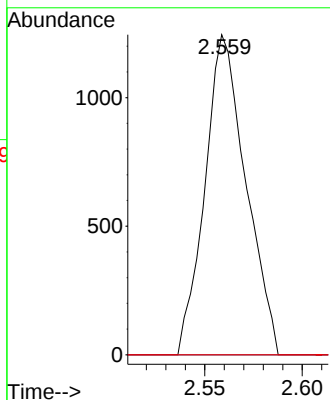
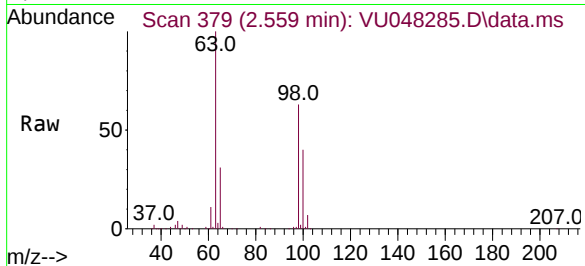




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.684 ug/L
 RT: 2.559 min Scan# 319
 Delta R.T. -0.022 min
 Lab File: VU048285.D
 Acq: 25 Apr 2022 22:02

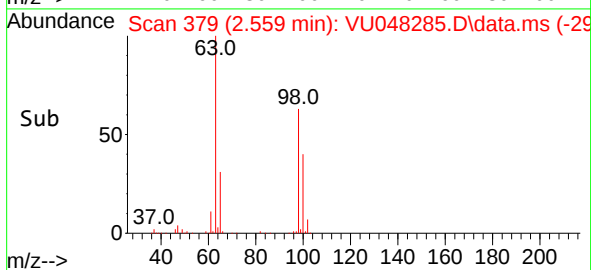
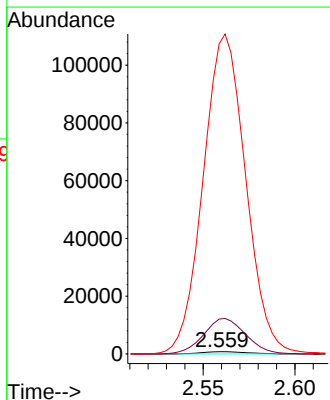
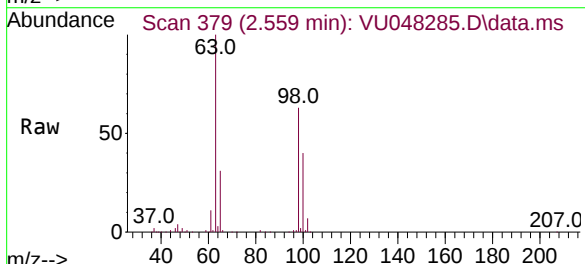
Instrument :
 MSVOA_U
 ClientSampleId :
 EXES3

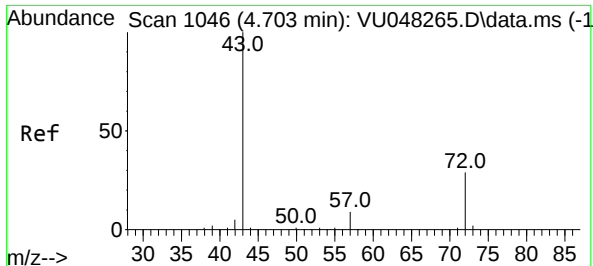
Tgt Ion:101 Resp: 1819
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 64.1 96.1#



#12
 1,1-Dichloroethene
 Concen: 0.582 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.022 min
 Lab File: VU048285.D
 Acq: 25 Apr 2022 22:02

Tgt Ion: 96 Resp: 1352
 Ion Ratio Lower Upper
 96 100
 61 1528.3 107.9 200.3#
 63 13612.2 80.3 149.1#





#22

2-Butanone

Concen: 1.766 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU048285.D

Acq: 25 Apr 2022 22:02

Instrument :

MSVOA_U

ClientSampleId :

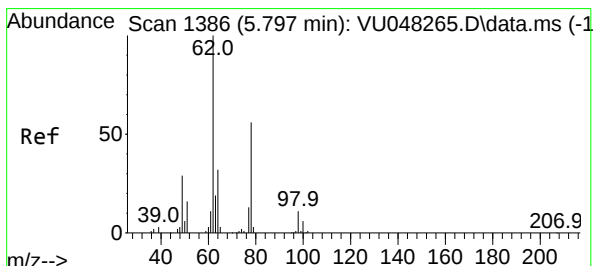
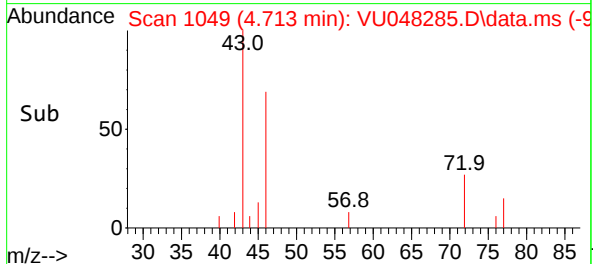
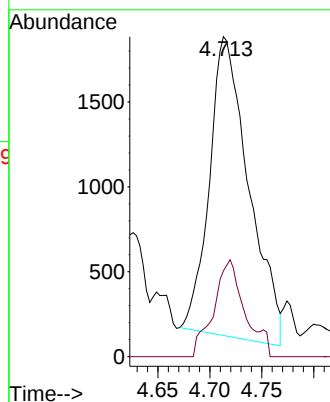
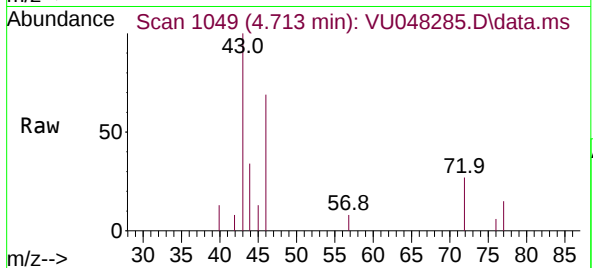
EXES3

Tgt Ion: 43 Resp: 4644

Ion Ratio Lower Upper

43 100

72 23.8 14.6 43.8



#27

1,2-Dichloroethane

Concen: 0.492 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU048285.D

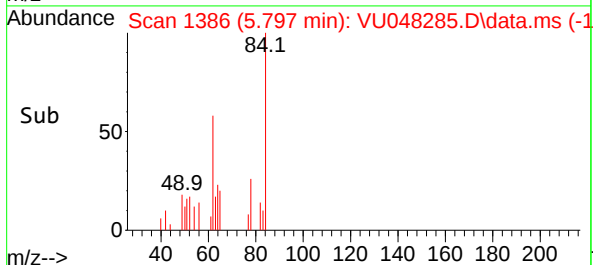
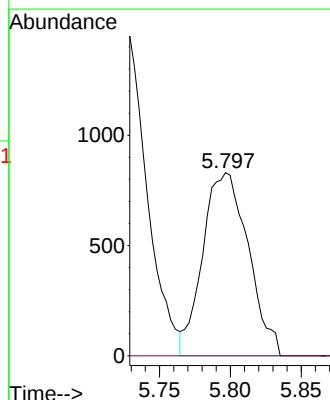
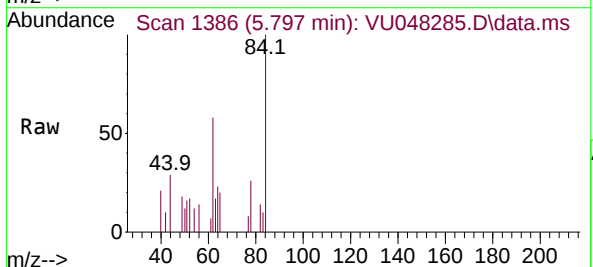
Acq: 25 Apr 2022 22:02

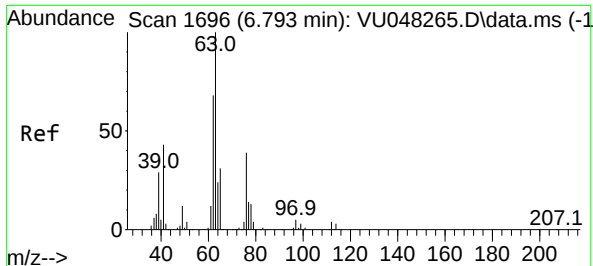
Tgt Ion: 62 Resp: 1849

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#





#37

1,2-Dichloropropane

Concen: 6.474 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048285.D

Acq: 25 Apr 2022 22:02

Instrument :

MSVOA_U

ClientSampleId :

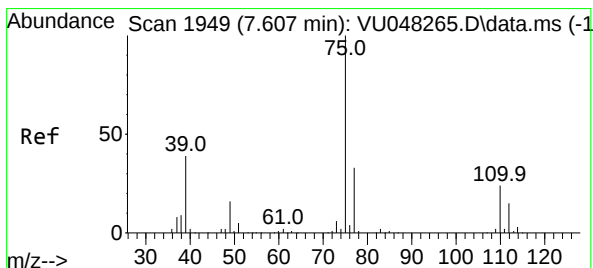
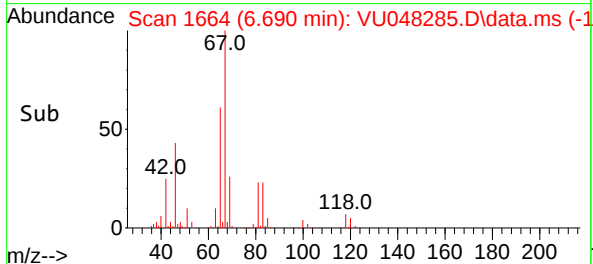
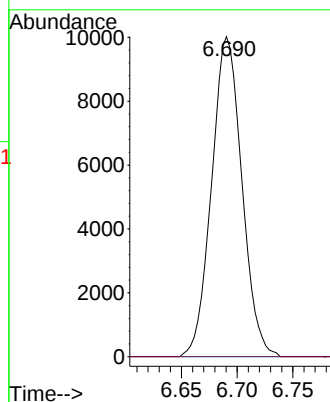
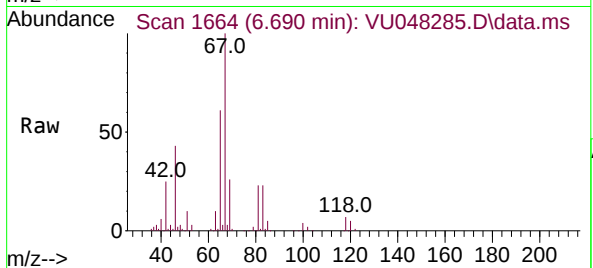
EXES3

Tgt Ion: 63 Resp: 18959

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.969 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU048285.D

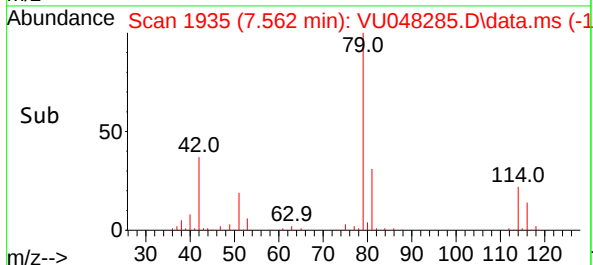
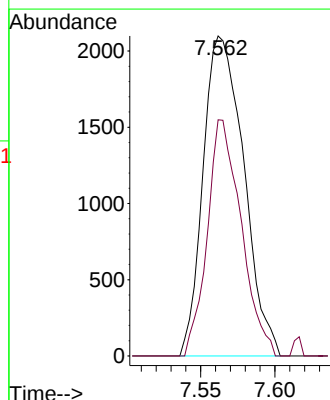
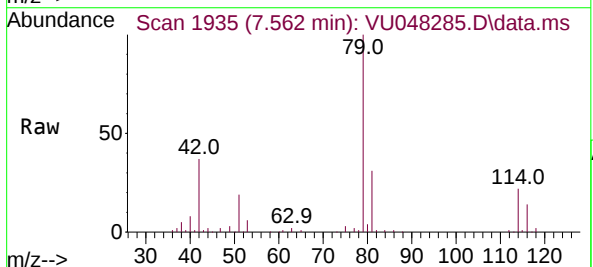
Acq: 25 Apr 2022 22:02

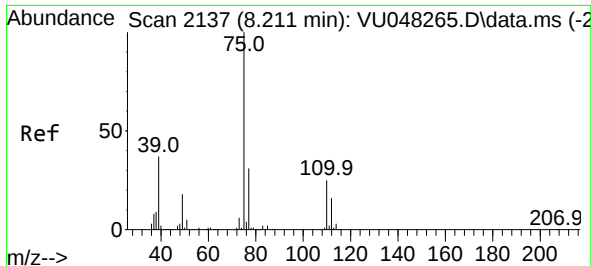
Tgt Ion: 75 Resp: 3990

Ion Ratio Lower Upper

75 100

77 73.8 22.0 41.0#

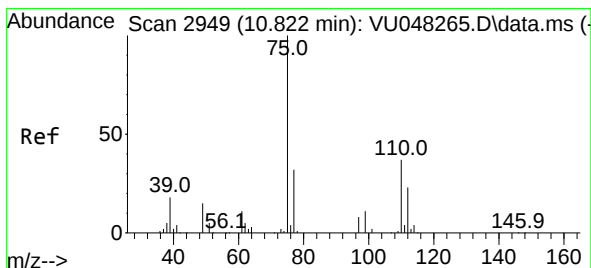
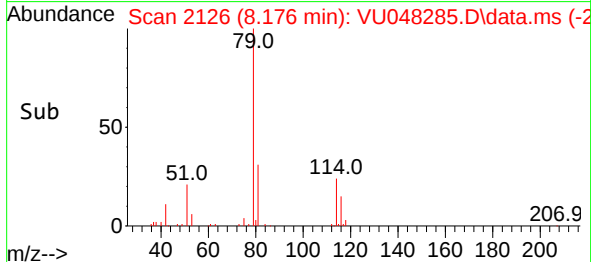
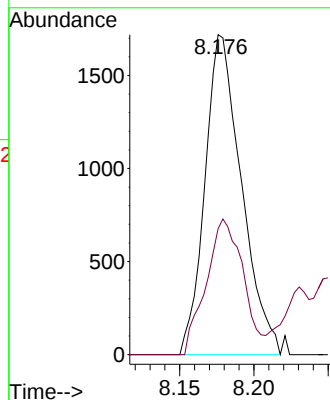
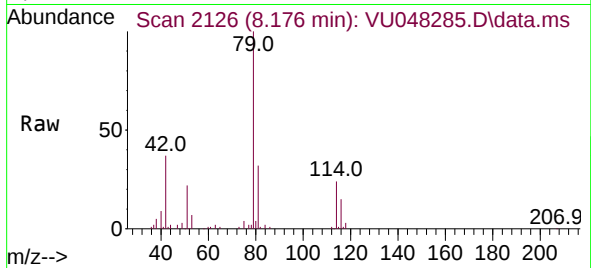




#44
trans-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU048285.D
Acq: 25 Apr 2022 22:02

Instrument :
MSVOA_U
ClientSampleId :
EXES3

Tgt Ion: 75 Resp: 2939
Ion Ratio Lower Upper
75 100
77 39.4 22.1 41.1



#60
1,2,3-Trichloropropane
Concen: 4.351 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU048285.D
Acq: 25 Apr 2022 22:02

Tgt Ion: 75 Resp: 15648
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.8
110 2.1 29.9 44.9#

